

**INFORMATION DISCLOSURE
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ATTY. DOCKET NO.

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1179-55

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5136125	8/92	Russell			
	4697144	9/87	Howbrook			
	4704501	11/87	Taguchi et al			
	4577057	3/86	Blessner			
	3482242	12/69	Hargrove			
	4255617	3/81	Carau, Sr., et al			
	5619431	4/97	Oda			
	4150352	4/79	Pomella et al			
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	4593245	6/86	Vierti et al			
	4065850	1/78	Burr et al			
	4094572	6/78	Burr et al			
	4097684	6/78	Burr			
	4642321	2/87	Schoenberg et al			
	4693778	9/87	Swiggett et al			
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	5625239	4/97	Persson et al			

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					YES	NO
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0537458 A1	4/93	Europe				
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	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 009, (P-420), 14 January 1986 & JP 60 165512A (Toshiba KK), 28 August 1985
	Klatt, "Phase of Digital Data Fixes Shaft Angle", ELECTRICAL DESIGN NEWS, Vol. 16, No. 12, 15 June 1971, pages 53-56, XP002045871
	PATENT ABSTRACTS OF JAPAN, Vol. 15, No. 37 (P-1159), 29 January 1991 & JP 02 275314 A (OMRON TATEISI ELECTRON CO), 9 November 1990
	PATENT ABSTRACTS OF JAPAN, Vol. 10, No. 32 (E-379), 7 February 1986 & JP 60 189231 A (MATSUSHITA DENKI SANGYO KK, 26 September 1985
	McDonnel, "The Use of Inductosyn to Digital Converters in Linear Control Systems", AUTOMATION, Vol. 10, No. 11-12, November 1975-December 1975, pages 31-32
*Examiner	Date Considered

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	4891590	1/90	Hammel et al			
	3772587	11/97	Ferrand et al			
	3812481	5/74	Stednitz			
	6124708	9/00	Dames			
	4820961	4/89	McMullin			
	4014015	3/77	Gundlach			
	5406155	4/95	Persson			
	4868443	9/89	Rossi			
	5486731	1/96	Masaki et al			
	5187389	1/93	Schalk			
	5693993	12/97	Ito et al			
	5783940	7/98	Kolomeitsev			
	2867783	1/59	Childs			
	4223300	4/97	Wiklund			
	4425511	1/84	Borsh			
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	5748110	5/98	Sekizawa			
	4975546	12/90	Craig			
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	ELECTRONICS LETTERS, Vol. 11, No. 1, 9 January 1975, pages 5-6, Gordon, "Digital xy Position Indicator Using Walsh Functions
	Pulle et al, "A New Magnetoresistive Based Sensor for Switched Reluctance Drives" PROCEEDINGS OF THE ANNUAL POWER ELECTRONICS SPECIALISTS CONFERENCE (PECS), Toledo, June 29 - July 3, 1992, Vol. 2, No. CONF, 23, 29 June 1992, pages 839-843, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
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	2145742	1/39	Wechsung			
	2942212	6/60	Mynall			
	3219956	11/65	Newell et al			
	3297940	1/67	Mulligan et al			
	3647963	3/72	Bailey			
	3851242	11/74	Ellis			
	3898635	8/75	Kulterman			
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	3962663	6/76	Visser			
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	4081603	3/78	Davis et al			
	4092852	6/78	Fowler et al			
	4156192	5/79	Schedrovitsky et al			
	4210775	7/80	Rodgers et al			
	4341385	7/82	Doyle et al			
	4423286	12/83	Bergeron			
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	4504832	3/85	Conte			
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	4711977	12/87	Miyamori et al			
	4723446	2/88	Saito et al			
	4734546	3/88	Landmeier			
	4737698	4/88	McMullin et al			
	4786765	11/88	Yamanami et al			
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	4902858	2/90	Yamanami et al			
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	4999461	3/91	Murakami et al			
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		2059593 A	4/81	Great Britain				
		2064125 A	6/81	Great Britain				
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